

System 100

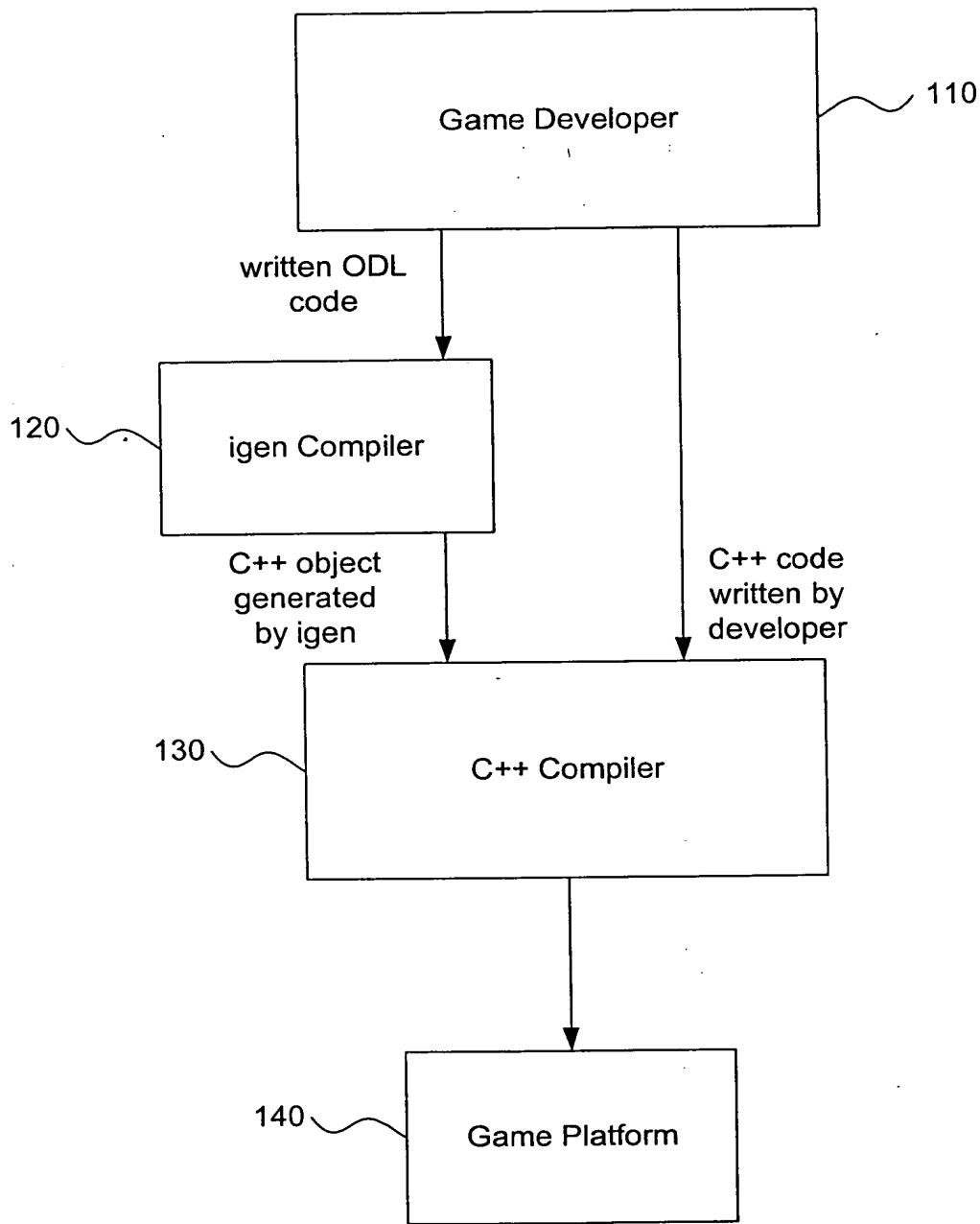


FIG. 1

IGEN Compiler Input/Output 200

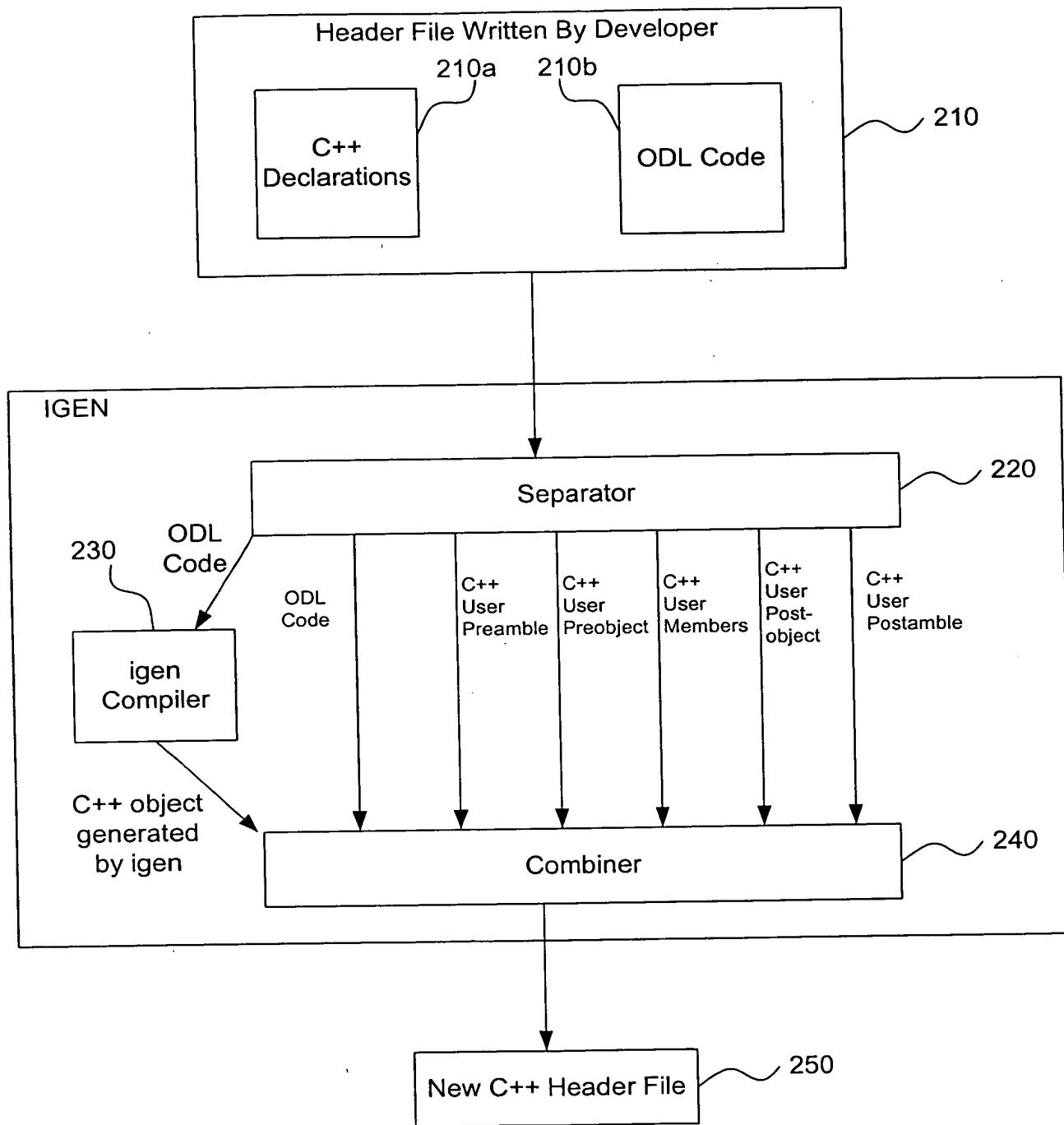


FIG. 2

Header File 210

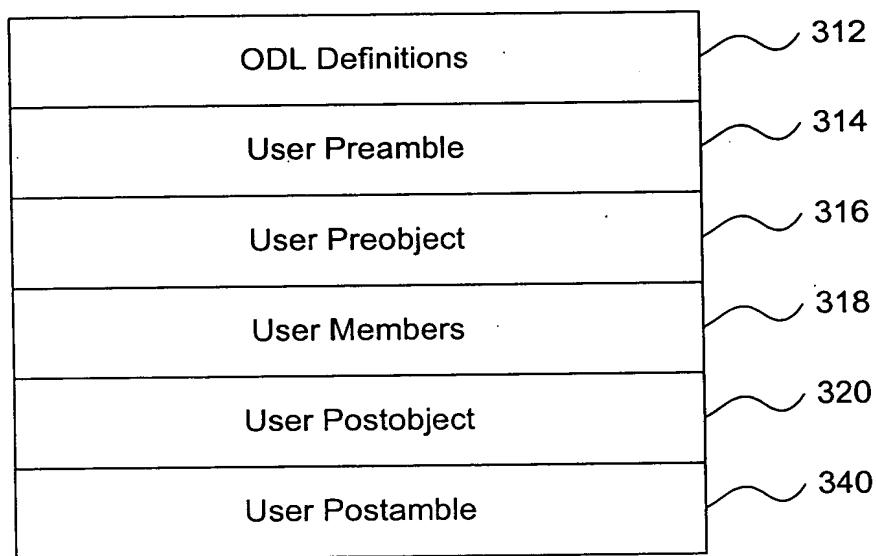


FIG. 3

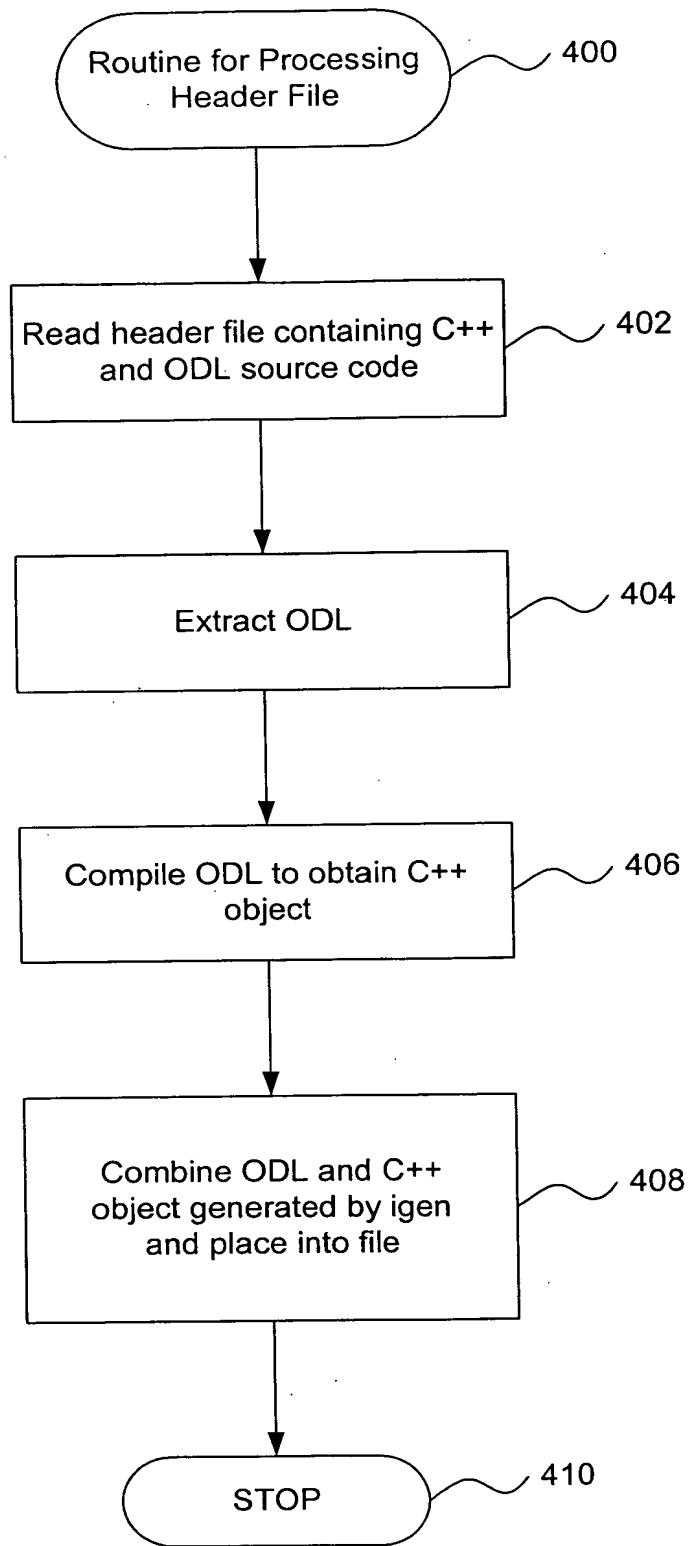


FIG. 4

ODL Code / Corresponding C++ Code 500

```
(Object Dude
  (field x  (type igInt))
  (field y  (type igFloat))
    (value 3.1)
)
```

ODL Code
510

```
class Dude:public Gap::igObject
{
  public :
    ≈ boilerplate

  private :
    igDefinefield(Dude, x, igInt,
                  y,igFloat
                )
}
```

C++ Code
520

FIG. 5